

Spoken Tutorial Designing GUI using Netbeans

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://www.sakshat.ac.in>

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Introduction

► WYSIWYG



Introduction

- ▶ **WYSIWYG**
- ▶ **What You See Is What You Get**



Introduction

- ▶ **WYSIWYG**
- ▶ **What You See Is What You Get**
- ▶ **Drag and Drop**



Introduction

- ▶ **Component Palette with Pre-Installed AWT and Swing Components**



Introduction

- ▶ **Component Palette with Pre-Installed AWT and Swing Components**
- ▶ **Powerful Visual Editor**



System Setup

► Ubuntu 11.04



System Setup

- ▶ **Ubuntu 11.04**
- ▶ **Netbeans v7.0.1**



Lesson Outline

In this tutorial, we will learn to

- Use the Form Editor



Lesson Outline

In this tutorial, we will learn to

- ▶ Use the Form Editor
- ▶ Use the Source Editor



Lesson Outline

In this tutorial, we will learn to

- ▶ Use the Form Editor
- ▶ Use the Source Editor
- ▶ Use the Palette, Inspector, and Properties features



Lesson Outline

In this tutorial, we will learn to

- **Add Event Handlers**



Lesson Outline

In this tutorial, we will learn to

- ▶ Add Event Handlers
- ▶ Compile and Run the Application



Bank Balance Application

What do we want?

- ▶ **Input Amount Credited to the Account**



Bank Balance Application

What do we want?

- ▶ **Input Amount Credited to the Account**
- ▶ **Inout Amount Debited from the Account**



Bank Balance Application

What do we want?

- ▶ **Get Balance Remaining**



Bank Balance Application

What do we want?

- ▶ Get Balance Remaining
- ▶ Add a Picture to our Application to make it look more attractive



Bank Balance Application

What do we want?

- ▶ Get Balance Remaining
- ▶ Add a Picture to our Application to make it look more attractive
- ▶ A Menu Bar on top for Navigation



Assignment

Temperature Convertor Application

- ▶ 2 tabs, one each for Celsius to Fahrenheit and the other for Fahrenheit to Celsius conversion



Assignment

Temperature Convertor Application

- ▶ 2 tabs, one each for Celsius to Fahrenheit and the other for Fahrenheit to Celsius conversion
- ▶ Take an input temperature



Assignment

Temperature Convertor Application

- Display the converted temperature



Assignment

Temperature Convertor Application

- ▶ Display the converted temperature
- ▶ Have a Menu that shows File and Help. Under the File have an Exit item with a keyboard shortcut



About the Spoken Tutorial Project

- ▶ The video available at,
http://spoken-tutorial.org/What_is_a_Spoken_Tutorial



About the Spoken Tutorial Project

- ▶ The video available at,
http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ Summarises the Spoken Tutorial project



About the Spoken Tutorial Project

- ▶ If you do not have good bandwidth, you can download and watch it



About the Spoken Tutorial Project

- ▶ If you do not have good bandwidth, you can download and watch it
- ▶ We conduct workshops using spoken tutorials



About the Spoken Tutorial Project

- We also give certificates to those who pass an online test



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- ▶ Please contact us for more details



Acknowledgement

- Spoken Tutorial Project is a part of the Talk to a Teacher project,



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- ▶ <http://spoken-tutorial.org/NMEICT-Intro>



About the contributor

IT for Change, Bengaluru

- ▶ The contributors for this tutorial are Subhashini Venugopalan and Sindhu Ghanti from IT for Change



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- ▶ The contributors for this tutorial are Subhashini Venugopalan and Sindhu Ghanti from IT for Change
- ▶ Thank you for joining us

